

(19) World Intellectual Property  
Organization  
International Bureau



(43) International Publication Date  
19 May 2005 (19.05.2005)

PCT

(10) International Publication Number  
**WO 2005/045432 A2**

(51) International Patent Classification<sup>7</sup>: **G01N 33/574**,  
C12Q 1/68

(21) International Application Number:  
PCT/EP2004/012367

(22) International Filing Date:  
2 November 2004 (02.11.2004)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:  
03025338.9 4 November 2003 (04.11.2003) EP

(71) Applicant (for all designated States except US): **LUDWIG-MAXIMILIANS- UNIVERSITÄT** [DE/DE];  
Geschwister-Scholl-Platz 1, 80539 München (DE).

(71) Applicant (for DE only): **ROCHE DIAGNOSTICS GMBH** [DE/DE]; Sandhofer Strasse 116, 68305 Mannheim (DE).

(71) Applicant (for all designated States except DE, US): **F. HOFFMANN-LA ROCHE AG** [CH/CH]; Grenzacherstrasse 124, CH-4070 Basel (CH).

(72) Inventors; and

(75) Inventors/Applicants (for US only): **DUGAS, Martin** [DE/DE]; Am Heidebruch 6, 81375 München (DE). **SCHOCH, Claudia** [DE/DE]; Springerstrasse 8, 81477 München (DE). **KOHLMANN, Alexander** [DE/DE]; Schwarzstrasse 14, 92318 Neumarkt (DE).

**SCHNITTGER, Susanne** [DE/DE]; Saalburgstrasse 2a, 81375 München (DE). **KERN, Wolfgang** [DE/DE]; Hanfelder Strasse 101, 82319 Starnberg (DE). **HAERLACH, Torsten** [DE/DE]; Springerstrasse 8, 81477 München (DE).

(74) Agent: **BÖSL, Raphael**; Isenbruck Bösl Hörschler Wichmann Huhn, Prinzregentenstr. 68, 81675 München (DE).

(81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.

(84) Designated States (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

Published:

— without international search report and to be republished upon receipt of that report

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

(54) Title: METHOD FOR DISTINGUISHING PROGNOSTICALLY DEFINABLE AML

(57) Abstract: Disclosed is a method for distinguishing prognostically definable AML subtypes with normal karyotype into different prognosis subsets in a sample by determining the expression level of markers, as well as a diagnostic kit and an apparatus containing the markers.

WO 2005/045432 A2